

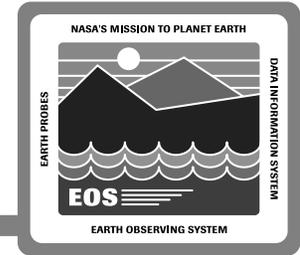
Metadata Population

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**ECS Release A SDPS/CSMS Critical Design Review
14 August 1995**

Metadata Population



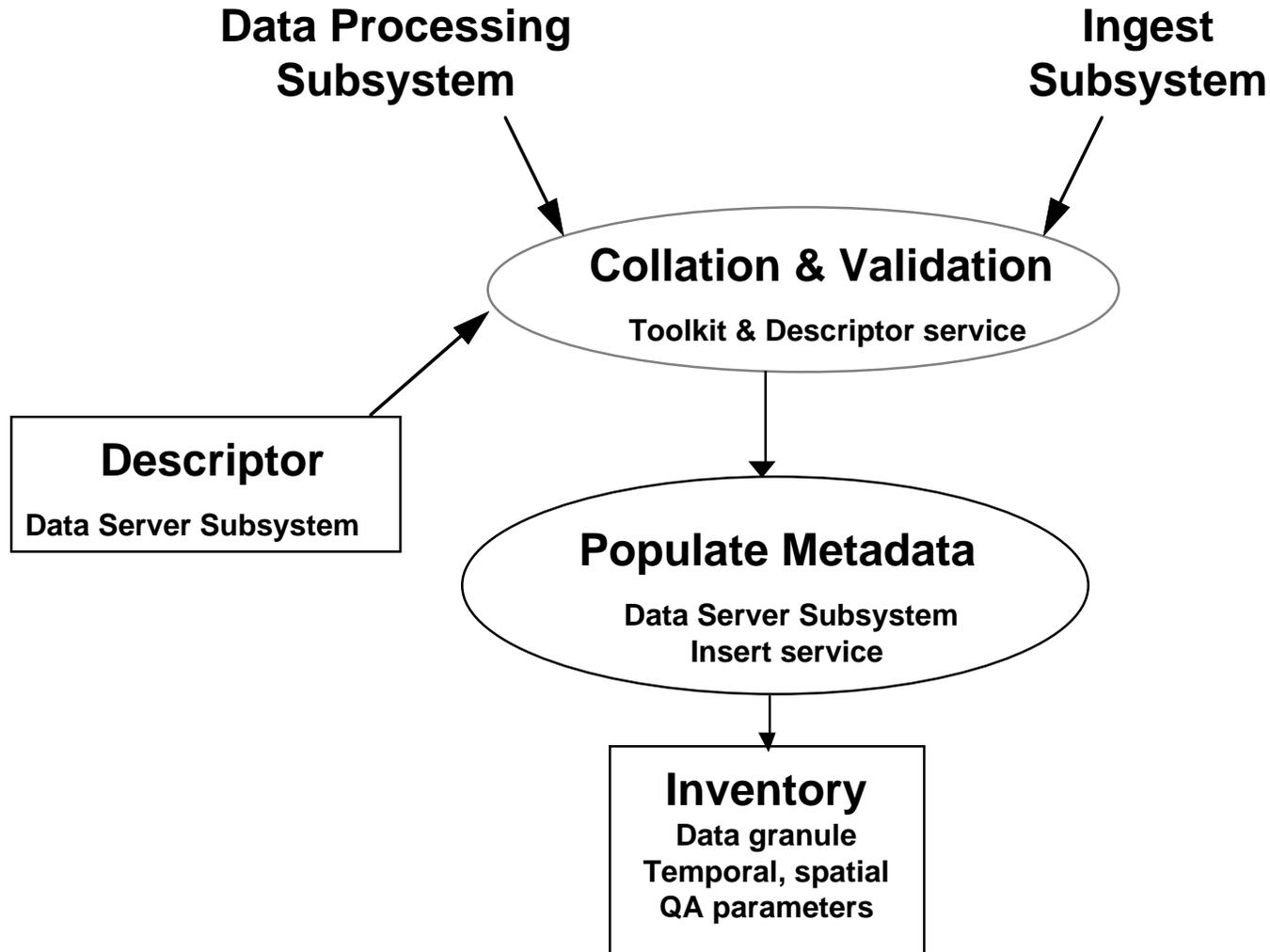
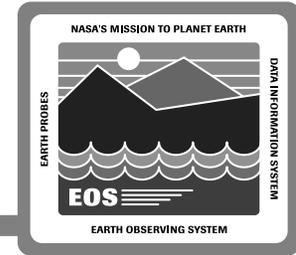
Initialization of collection level repositories (directory etc.)

- Based on procedures and lessons learned from V0
- Procedures and tools being developed
- Not a major software architecture issue

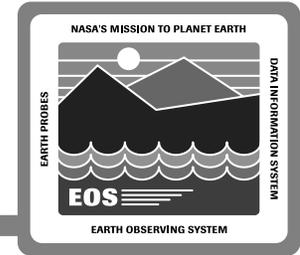
Operational population of granule level repositories (inventory etc.)

- Ingestion
- Data processing
- Established design now
 - To support instrument teams

Operational (granule) Metadata Population



Operational Population from Data Processing & Ingest



Toolkit tools and data provide means of population

- **Software components manage attribute values produced by Science software**
 - **Cast attribute values into PVL format and check data dictionary**
 - **Attach blocks of PVL to HDF products**
 - **Extract some attribute value automatically from PCF**
- **data components**
 - **Metadata Control File (MCF) - template with attributes in PVL**
 - **MCF can hold 'static' attribute values**
 - **Replaced at Release-A by descriptor**
 - **Temporary data dictionary in PVL format for validation**
 - **Replaced at Release-A by descriptor**